

SEQUENCE LISTING

<110> HILDEBRAND, DAVID  
 RAO, SURYADEVARA S.

<120> SOYBEAN SELECTION SYSTEM BASED ON AEC-RESISTANCE

<130> 47100-222154

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<150> PCT/US04/020039  
 <151> 2004-06-23

<150> 60/483,103  
 <151> 2003-06-30

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<170> PatentIn Ver. 3.3

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Ala Thr Leu Asn His Asp Glu His Ala Asp Val Val Met Met Thr Leu
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Asp Leu Ala Asp Gly Arg Ile Pro Val Ile Ala Gly Thr Gly Ala Asn
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Ala Thr Ala Glu Ala Ile Ser Leu Thr Gln Arg Phe Asn Asp Ser Gly
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Ile Val Gly Cys Leu Thr Val Thr Pro Tyr Tyr Asn Arg Pro Ser Gln
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Glu Gly Leu Tyr Gln His Phe Lys Ala Ile Ala Glu His Thr Asp Leu
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Pro Gln Ile Leu Tyr Asn Val Pro Ser Arg Thr Gly Cys Asp Leu Leu
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Pro Glu Thr Val Gly Arg Leu Ala Lys Val Lys Asn Ile Ile Gly Ile
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 Asp Phe Met Gln Leu Gly Gly His Gly Val Ile Ser Val Thr Thr Asn  
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 Val Ala Ala Arg Asp Met Ala Gln Met Cys Lys Leu Ala Ala Glu Glu  
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 His Phe Ala Glu Ala Arg Val Ile Asn Gln Arg Leu Met Pro Leu His  
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 Lys Glu Leu Gly Leu Val Ala Thr Asp Thr Leu Arg Leu Pro Met Thr  
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 Gly Ala Glu Gly Val Ile Val Gly Gly Thr Thr Gly Glu Gly Gln Leu  
                     65                    70                    75                    80  
 Met Ser Trp Glu Glu His Ile Ile Leu Ile Ala His Thr Val Asn Cys  
                     85                    90                    95  
 Phe Gly Gly Lys Ile Lys Val Ile Gly Asn Thr Gly Ser Asn Ser Thr  
                     100                    105                    110  
 Arg Glu Ala Ile His Ala Thr Glu Gln Gly Phe Ala Val Gly Met His  
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Ala Ala Leu His Ile Asn Pro Tyr Tyr Gly Lys Thr Ser Leu Asp Gly  
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Met Val Ala His Phe Arg Ser Val Leu Ser Met Gly Pro Thr Ile Ile  
 145 150 155 160

Tyr Asn Val Pro Ala Arg Thr Gly Gln Asp Ile Pro Pro His Val Ile  
 165 170 175

Gln Thr Leu Ala Glu Ser Val Asn Leu Ala Gly Val Lys Glu Cys Val  
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Gly Asn Asp Arg Ile Lys Gln Tyr Thr Asp Asp Gly Ile Val Val Trp  
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Ser Gly Asn Asp Asp Gln Cys His Asp Ala Arg Trp Gly Tyr Gly Ala  
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Thr Gly Val Val Ser Val Ala Ser Asn Leu Val Pro Gly Leu Met Arg  
 225 230 235 240

Glu Leu Met Phe Gly Gly Val Asn Pro Thr Leu Asn Ser Lys Leu Leu  
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Pro Leu Ile Asp Trp Leu Phe His Met Pro Asn Pro Ile Gly Leu Asn  
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Thr Ala Leu Ala Gln Leu Gly Val Ile Arg Pro Val Phe Arg Leu Pro  
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Phe Val Pro Leu Pro Val Asp Lys Arg Ile Glu Phe Ala Asn Leu Val  
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Lys Val Ile Gly Asn Thr Gly Ser Asn Ser Thr Arg Glu Ala Ile His  
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